This application is a continuation of International Application PCT/EP97/04923 filed on 4 September 1997 and which designated the U.S., claims the benefit thereof and incorporates the same by reference; the international application in turn claims the benefit of foreign applications EPO 96 202466.7, filed September 4, 1996, and EPO 97 200 831.2, filed March 19,1997.

D1

Page 8, paragraph beginning on line 7, please amend as follows:

Figure 6A: SD 75 gelfiltration profile of WL64. WL64 eluates at fractions 13, 14, 15. Molecular weight markers are indicated above the arrows at the top of the plot. X-axis: fraction number. Y-axis: A280.

D2

Figure 6B: Coomassie stained 12.5% SDS-PAGE gel of fractions 11-17 of the SD 75 gelfiltration profile. Molecular weight markers are indicated on the right and are in kDa. The protein bands that correlate with antifungal activity are indicated between the arrows.

Figure 6C: *In vitro* antifungal assay. Ten microlitres of the respective fractions (500 µl total) were used to screen the growth inhibition of *Rhizoctonia solani* hyphal fragments.

Page 8, paragraph beginning at line 24, please amend as follows:

D3

Figure 8A: Lineweaver-Burk plot of MS59 (open diamonds), WL64 (closed circles), and GOX (open squares) oxidase activities with glucose as substrate. Amounts of protein per assay were 17, 29, and 45 ng for MS59, WL64 and GOX respectively.

Figure 8B: Lineweaver-Burk plot of MS59 (open diamonds), WL64 (closed circles),

and GOX (open squares) oxidase activities with fungal cell walls as substrate. Amounts of protein per assay were 17, 29, and 225 ng for MS59, WL64 and GOX respectively.

Page 9, first paragraph, please amend as follows:

Figures 10 A and B: Alignment of the proteins of the invention MS59 (SEQ ID NO: 16), WL64 (SEQ ID NO: 58) and the two homologues from A. *thaliana* At26 (SEQ ID NO: 71) and At27 (SEQ ID NO: 75) (with the known berberine bridge enzymes (EcBBE (SEQ ID NO: 76) and PsBBE (SEQ ID NO: 77)). Conserved changes are denoted in gray, while areas of identity (3 of the 6 amino acids identical) are given in black.

IN THE CLAIMS:

Please amend the following claims:

Claim 51 (twice amended) An isolated protein comprising

(a) an amino acid sequence encoded by SEQ ID NO 15 which has antifungal activity; or a mutein of the amino acid sequence encoded by SEQ ID NO 15 wherein said mutein has antifungal activity; or a part of the amino acid sequence of SEQ ID NO 15 having antifungal activity; or

(b) an amino acid sequence encoded by SEQ ID NO 19 which has antifungal activity; or a mutein of the amino acid sequence encoded by SEQ ID NO